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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

JUNE 1953

✗	ROGERS	
✓	HAMILTON	H
✓	JOFFE	
✓	ANDERSON	
	STANTON	
	GILBERT	
	[illegible]PER	
	[illegible]TCHKISS	
✓	MATTSON	
✓	[illegible]N	
✓	[illegible]AN	
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✓	[illegible]	SWC
✓	[illegible]S	HOE
✓	[illegible]	T.G.
✓	[illegible]	
✓	[illegible]	
✓	[illegible]	R
	WIGGINS	
	McMULLIN	

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U. S. GOVERNMENT PRINTING OFFICE 16—22371-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

FICE OF THE SUPERINTENDENT

Summary of the June 1953 Monthly Narrative Report
YELLOWSTONE NATIONAL PARK

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WEATHER:	Below normal precipitation, mostly first week.	1
SPECIAL ACTIVITIES:	Rogers to Bozeman library, Bozeman Chamber Commerce re Gallatin road, Livingston Kiwanis where Mr. Haynes talked on holdups, conf. at Jackson, Helena where saw Governor & Fish & Game, Cody with Mattson re Shoshone Cavern transfer. Mattson trips to Teton. Kittams Glacier assignment. Four rangers to Rushmore during President's visit. Gruener back from Washington training. McMullin to Utah for surplus. Increased entrance fees. St. Paul Choral Club. 6-day week. Fishing opened Yell. Lake, 3-fish limit. Meeting re power. New quarters rentals. C. S. Regions reorganized. Clerk exam given.	1-3
INSPECTIONS:	Official visitors listed.	3
IN-SERVICE TRAINING:	"Conservation Quotes". Training of Govt. & concessioner employees. Weekly News.	4
PUBLICITY:	Press release on increased entrance fees. Info to Station KODI on lost fisherman. Presses & Livingston papers advised of accident & death Ernest Meador. Bradshaw article.	4
MAINTENANCE:	Storms delayed N. E. road opening. Maintenance progress. Paper picking crews. Difficulty Gallatin section.	4-5
CONSTRUCTION:	Work resumed Canyon projects. Award on Canyon campground roads job. Prefab. walks, etc.	5
COMPLAINTS:	3 complaints handled.	5
CONCESSIONERS:	Concessioner opening dates. Mr. Nichols, Dr. Lueck arrived. "Savage Specials". Concessioner improvements.	5-6
RELIGIOUS SERVICES:	Bible School. Rev. Ost organized Student Ministry Program. Church services under way.	6

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INTERPRETIVE SERVICES:	Trail & info. signs. Condon talked to Rotary. Arranged for programs in lodges. Barriers moved back from Old Faithful. Thermal area walks improved. Motion pictures.	7-9
MUSEUM ACTIVITIES AND EXHIBITS:	Wayside exhibits and museums. Longer museum hours.	9
RESEARCH AND OBSERVATION:	Terraces changed. Geysers. Swans observed; some cygnets. Injured beaver. Replogle's Bannock Trail manuscript reviewed. Turner's reptile manuscript ready.	9-10
NATURAL HISTORY ASSOCIATION:	Sales books. Story of Old Faithful selling well. Librarian & clerk. Films duplicated.	10
TRAVEL:	242,336 in June, 2.3% increase. 297,498 for season, 2.2% decrease.	10
SPECIAL VISITORS:	Special visitors listed. 4 conferences. Montana Conservation Council group.	10-11
RANGER SERVICE:	Gates manned 6 am - 10 pm starting 21st. Training employees, law enforcement, etc.	11-12
WILDLIFE: BEARS:	3 grizzlies trapped, 2 to Omaha zoo. 8 injuries, 6 damages, 6 dead bears, 1 attempted attack man. Bear killing elk calves.	12
ANTELOPE:	Arrangements for N. Dak. & Nevada take surplus.	12
BISON:	Many seen along Firehole River.	12
ELK:	Most gone to summer range. Tagging.	12
FISH:	Fish plants made.	12
RANGE:	Cold retarded forage growth early June; better since. Early grasses maturing.	13
FOREST FIRE PROTECTION:	Work on equipment. 19 aids on duty; training. 1 reportable fire.	13
BUILDING FIRE PROTECTION:	Extinguishers ordered. Extinguishers & ladders put on fire trucks before taken to stations.	13
TRAILS:	12 men on end of month. Progress.	13
BLISTER RUST:	Work started. 40 men. Gynn & Chapman in.	13
FOREST INSECTS:	Spruce budworm observed. Denton in. Aerial spraying planned.	14

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CAMPGROUND CLEARING & WOODCUTTING:	Roseborough clearing Fishing Bridge campground; wood for Y. P. Co.	14
ACCIDENTS & PUBLIC SAFETY:	Auto accidents; death of Ernest Meador. Boy fell distance at Undine Falls. Woman broke wrist. Man lost overnight.	14
LAW ENFORCEMENT:	17 cases tried. Grand theft case. Investigation theft.	15
DEATHS:	Peter Rorwick, retired foreman; Patrick Tocher, former employee; Jonah Kelley and Mrs. May Lyon, visitors; Ernest Meador in truck accident.	15
MARRIAGES:	James Mardis & Mary Deeter married. Margaret Reed & Jack Sharkey married.	15
BIRTHS:	Daughter born to Mr. & Mrs. Leonard Lampi.	16
PERSONNEL:	C. Gordon Cummings transfer from Denver to Engineer (Civil), GS-9. Seasonal employees listed.	16

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

FICE OF THE SUPERINTENDENT

July 8, 1953

Memorandum

To: The Director

From: Superintendent, Yellowstone National Park

Subject: Monthly Report for June 1953

Following is the report of activities for Yellowstone National Park during the month of June 1953:

Weather Conditions. Most of the precipitation was recorded during the first week of this month. Very little rain occurred during the latter three quarters of June. Only 1.25" of precipitation occurred at Mammoth in June, which is somewhat less than the normal rainfall for the month of June at this station. The maximum temperature at Mammoth was 81°, recorded on June 11 and 12; the minimum of 32° was recorded on June 25. Snow continued to melt in the higher reaches of the park, which resulted in continued high water in park streams and rivers.

Special Activities. Superintendent Rogers made a trip June 4 to the Bozeman library on research in connection with his project on the legislative history of areas of the National Park system. On the 9th he and Mr. J. E. Haynes of Haynes Inc. attended a Chamber of Commerce meeting in Bozeman regarding improvement of the Gallatin road and the Livingston Kiwanis meeting where Mr. Haynes talked on early stagecoach holdups in the park. Mr. Rogers attended the Western State Land Commissioners Conference at Jackson, Wyoming, June 15 and went to Helena June 16 for conference with the Governor and Fish and Game Commission. On the 30th he and Resident Landscape Architect Mattson went to Cody, Wyoming, to confer with the Mayor and other city officials on the proposal to transfer Shoshone Cavern National Monument to the City of Cody.

Mr. Mattson made trips to Grand Teton as follows: June 9, returning 14th; June 26; and June 29, returning 30th.

Biologist Kittams departed June 17 for Glacier National Park on assignment on wildlife matters, returning the 29th.

District Ranger Joe J. Way, Supervisory Park Ranger Harry V. Reynolds, Jr., and Seasonal Park Rangers Deane M. Shilts and John M. King, Jr. left June 9 for Mt. Rushmore National Memorial to assist in traffic direction during President Eisenhower's visit June 11. They returned June 13.

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ICE OF THE SUPERINTENDENT

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To: The Director

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Following is the report of activities [illegible] Yellowstone National Park during the month of June 1953.

Weather Conditions. [illegible] during the first week of this month. [illegible] during the latter three weeks of June. [illegible] of precipitation occurred at Mammoth in June, which is [illegible] normal rainfall for the month of June [illegible]. [illegible] temperature at Mammoth [illegible] recorded on June 11 [illegible] of 32° was recorded on June 25. [illegible] higher reaches of the park, which [illegible] in park streams and rivers.

Special Activities. [illegible] June 4 to the [illegible] project on the [illegible] system. On the [illegible] a Chamber of Commerce meeting in [illegible] the Chinatin [illegible] talked on early [illegible] the Western State Land Commissioners [illegible] June 15 and went to [illegible] June 16 for conference with the Government and Fish and Game Commission. [illegible] Architect Mattson went to Cody, [illegible] other city officials on the proposed [illegible] National Monument to the City of Cody.

Mr. Mattson made trips to [illegible] as follows: June [illegible], returning [illegible]; June [illegible] and June [illegible], returning [illegible].

Biologist Mattson departed June 17 for [illegible] National Park on assignment on wildlife matters, returning the [illegible].

District Ranger [illegible] Jr., and [illegible] Jr. left June 9 for Mt. Rushmore National Memorial to [illegible] traffic direction during President Eisenhower's visit June 11. They returned June 13.

Carl J. Gruener, Park Ranger, who has been on assignment in the Washington Office as representative of the Fourth Departmental Management Training Program since September 22, returned to the park June 11.

Electrical Supervisor McMullin left June 26 on a trip to Pleasant Grove and Ogden, Utah, to inspect and pick up some surplus property at these areas, returning the 30th.

The revised entrance fees for Yellowstone were effective June 8 and provided for $3 for 15-day permit and $6 for season for automobiles, and $1 for 15-day and $2 for season on both trailers and motorcycles. The previous rate of $3 for automobiles and $1 for trailers and motorcycles for calendar year had been in effect since 1926. The general increase in fees was put into effect in the various areas in the National Park system to meet the requirements of Congress as expressed in Public Law 137, 82nd Congress. The Yellowstone fee also includes Grand Teton National Park.

The St. Paul Choral Club presented a concert at Old Faithful Lodge June 12. This group has presented similar programs for several years which have been enjoyed by a large number of visitors and employees.

Seasonal wage board employees started on a six-day week for the summer beginning June 14.

Fishing opened in Yellowstone Lake June 15, whereas the opening date in the past for this water has been May 30, and the limit in the Lake, as well as in the Yellowstone River from 10 yards above Fishing Bridge to the Upper Falls at Canyon which opens to fishing July 1, has been reduced from five to three fish.

A meeting was held June 18 in the Superintendent's Office with representatives of the Shoshone River Power, Inc. of Cody, Wyoming, and Park Electric Cooperative of Livingston, Montana, and Yellowstone officials to discuss proposed power increases for the park.

On June 25 the new quarters rental rates were received, to be effective with the pay period beginning July 5.

Notice was received June 26 that the field system of the U. S. Civil Service Commission is to be reorganized effective July 1. Hereafter the 13th Civil Service Region, in which Yellowstone is located, will be known as Region 10 and will include Arizona in addition to Wyoming, Colorado, Utah and New Mexico. Headquarters will remain at Denver, Colorado.

The Local Board of Civil Service Examiners held an examination June 30 for Clerk-Stenographer, GS-1-4 for which there was one competitor. Personnel Assistant Proper conducted the examination.

Inspections. John C. Gynn, Area Leader, and C. M. Chapman, Blister Rust Control, Bureau of Entomology and Plant Quarantine, Spokane, Washington, arrived June 2 to assist in getting blister rust control work in operation for the season, Mr. Gynn departing June 11 and Mr. Chapman June 12. Robert Denton, Entomologist, Forest Insect Laboratory, Bureau of Entomology, Coeur d'Alene, Idaho, in June 3, out 4th, and in and out 26th to make study of spruce budworm problem. Earl L. Durbin, Assistant Chief, Examining and Placement Division, 13th Civil Service Region, Denver, in June 4 to discuss Civil Service matters with Local Board of Civil Service Examiners, out 5. Robert T. Small, Fire Weather Meteorologist, Fire Weather Service, Weather Bureau, Boise, Idaho, in June 11 to inspect weather instruments and leave new instructions for fire weather reporting, out 12th. Edward O. Anderson, Bureau of Public Roads Engineer, Denver, arrived June 11 to take charge of BPR operations at Canyon for the summer. John S. McLaughlin, Assistant Regional Director, Region Two, in June 14 enroute to Grand Teton and to Jackson to attend Conference of Western States Land Commissioners Association June 15-17, and again June 18 on return, departing June 20. Guy Robertson, Superintendent, Blackfoot Indian Agency, Browning, Montana, in June 12. Warren J. Oliver, Engineer, Region Two, in June 16 on assignment for summer as resident engineer in charge of water and sewer facilities project at Canyon. C. T. Wright, Regional Engineer, U. S. Public Health Service, Denver, in June 18 to discuss sanitation matters. D. C. Macfarlane, Construction and Maintenance Engineer, Bureau of Public Roads, Denver, and Albert D. Spann, District Engineer, Bureau of Public Roads, Cheyenne, in June 18 on inspection Moran-Yellowstone Approach Road and maintenance inspection of Yellowstone, departing 20th. Fred G. Bussey, Chief Clerk, Glacier National Park, and family, in June 21, out 22. Marvin Nelson, Chief Clerk, Crater Lake National Park, in June 22 and 23 on transfer from Region Two Office to Crater Lake. Zell Parkhurst, Regional Biologist, Fish and Wildlife Service, Portland, in June 23 to Yellowstone Lake Fisheries Station. Dr. Turpin C. Bannister, Member, National Park Service Advisory Board, in June 24, out 26. Frank H. Longfellow, Chief of Business Analysis Branch, Concessions Management Division, NPS, Washington, and Benjamin F. Dickson, Regional Chief of Concessions Management, Omaha, arrived June 25 to spend several days here on concessions matters; out north 29th. Ryland E. Johnson, Supervising Auditor, NPS, Washington, D. C., in June 29 for several days to audit Yellowstone Park Company records and see Hamilton Stores, Inc. regarding changes incident to taking over Pryor Stores, Inc. Thomas C. Vint, Chief of Design and Construction, NPS, Washington, and Robert G. Hall, Assistant Regional Director, arrived June 30 and expected to leave for Grand Teton July 5.

Yellowstone Park, Wyoming

In-Service Training. A supply of "Conservation Quotes" was received June 2 for distribution to all employees.

An in-service training session for new seasonal park rangers and ranger-naturalists was held in the Canteen June 16 followed by an orientation tour around the park on the 17th and 18th.

A training school for fire control aids was conducted June 15 to 19, inclusive.

A number of sessions to acquaint seasonal bus drivers and other concessioner employees with Yellowstone and its policies were conducted during the month by the Naturalist Division.

The Yellowstone Weekly News was issued regularly during the month to keep employees, concessioners and others currently informed of park happenings.

Publicity. A press release on the increased motor vehicle license fees was mailed June 4 to the park's mailing list.

On the 22nd information was furnished by telephone to Radio Station KODI, Cody, Wyoming, on a fisherman, Mr. Alex McKenzie, lost in the DeLacy Creek-Lewis Lake area, and on his safe return.

The Associated Press and United Press and Livingston newspapers were phoned a story on the truck accident and death of Ernest Meador in the park.

Material collected by Henry and Vera Bradshaw on a visit to Yellowstone last summer is included in an article by them which appears in the current issue of BETTER HOMES AND GARDENS.

Maintenance. The fore part of the month was rainy with snow and wind in the high passes. Snow plowing on the Red Lodge Road was delayed by these late storms. It was necessary to run the plows 10 hours a day and six days a week and even then there was nearly a week delay in getting the road open. The plows completed the plowing on June 15 and the road was immediately opened to traffic. This extra work increased the cost for snow removal operations a great deal.

The wet weather caused a number of slides and lot of pot holes. At the end of the month roads were in fair condition.

All crews were filled during June and all special projects were completed.

Forty-five miles of line stripe were placed, two miles of sand seal and one and a half miles dust coat placed. Seven miles

were reprocessed or half-soled. The crusher was operated for one week. All wood platforms and sidewalks were checked and repaired and most all walks have had a quick cleanup.

Three paper crews are operating and a fourth will be added soon.

The Gallatin section has been patched, but still remains in poor condition. The heavy oil tankers keep breaking through the weak spots.

Construction. The Strong Company, who have the contract for completion of the 1F3, G4 road job at Canyon, bituminous surfacing of parking areas and connecting roads, moved in on June 15 to resume work. They placed some additional drain pipe at the hotel parking area and removed the old steel bridge over Cascade Creek, together with some cleanup.

On June 17 the Cop Construction Company moved in to renew work on their water and sewer system project at Canyon.

Bids were opened June 26 for construction of the Canyon campground roads. Award was made to the only bidder, the Studer Construction Company of Billings, in amount of $69,770, subject to approval of the Director and the Secretary of the Interior.

Placing of prefabricated wooden walks in the thermal areas is about 90% complete. In placing the wooden walks where old bituminous walks existed it was necessary to remove the old bituminous material, which was a larger job than placing the new walks. Because of wet weather and high water table in the Lake Hotel area the construction work has been somewhat slowed in this area. A large number of signs were placed during the month.

Complaints. Three written complaints were handled during the month, as follows: increased entrance fees; discourteous treatment and lack of rest room signs and of printed information; and condition and price of cabin and green fuel wood.

Concessioners. The Hamilton Stores, Inc. Fishing Bridge store and service station opened June 1 and their coffee shop and general store at the Mammoth campground opened the 20th.

The Haynes Inc. picture shop at the Fishing Bridge campground opened June 1, at Canyon June 5 and at West Thumb June 15.

W. M. Nichols, President of the Yellowstone Park Company, arrived June 11 for the season. The Old Faithful Lodge cabins opened June 4, Canyon cafeteria, tourist cabins and garage opened June 6, Mammoth Hotel and Grill June 11, Old Faithful Lodge dining room June 12, Canyon Lodge cabins and dining room and Lake Lodge and

Roosevelt Lodge June 17, Old Faithful Inn, Lake Hotel and Canyon Hotel opened and saddle horses available at Mammoth, Canyon and Old Faithful, June 18, and railroads started delivering passengers to park and buses started operations June 22.

Dr. Alfred M. Lueck of the Park Hospital in Livingston arrived June 5 to take over medical operations and the Mammoth Hospital was opened June 10.

On June 17 the Washington Office mailed us the Yellowstone Park Service Stations approved schedule of rates for the 1953 season covering service stations items approved May 21 which provided for a ½¢ increase in gasoline prices from 32¢ to 32½¢ for Regular and 34¢ to 34½¢ for Ethyl which rates were placed in effect May 21 on telegraphic advice from that office. On June 16 the price of Ethyl gasoline was raised an additional ½¢ bringing the price to 35¢, and on the 22nd gasoline increased an additional 1¢ on both Regular and Ethyl, making 33½¢ for Regular and 36¢ for Ethyl.

The Northern Pacific and Union Pacific "Savage Specials" bringing concessioner employees to the park arrived at Gardiner and West Yellowstone, respectively, on June 14.

The Yellowstone Park Company continued work on the cottages in the rear of Lake Hotel and the 47 new rooms should be completed by the middle of July. Work was completed during the month on the Lake Hotel kitchen and the Lake Lodge lobby, the tunnel was completed for the boiler house to serve the Old Faithful cafeteria and tourist cabins, some work was done on the repair garage at Fishing Bridge, the boiler at Canyon Lodge was set and some work was done on the installation of the new generator at Lake Hotel.

Hamilton Stores, Inc. continued work on the addition to the general store at West Thumb.

The work connected with the addition to the Haynes Shop at West Thumb was nearly complete by the end of the month.

The general store and cafeteria formerly operated by Pryor Stores, Inc. at the Mammoth campground was combined in one building by Hamilton Stores, Inc. and when they opened on June 20 the cafeteria building housed the general store, curio shop, and lunch room or coffee shop. The cafeteria system in this building has been abandoned.

Religious Services and Chapel Use. The Yellowstone National Park Chapel was used extensively during the month of June. The summer bible school was held there from June 1 through June 12. This school was conducted by local people with Mrs. Mary Armstrong acting as superintendent of the bible school. Mrs. Mel Thuring,

Mrs. Ruben Hart, Mrs. Warren Hotchkiss, Mrs. Tom Garry and Mrs. Charles Manning acted as teachers. There was an average daily attendance of 50 children and the program was a pronounced success. At the close of the school an exhibit of handicraft and a special program was held.

Rev. Warren W. Ost, director of the Christian Ministry in the National Parks which is sponsored by the National Council of Churches of Christ in the United States arrived in the park on June 3 and set about organizing the Protestant services which will be conducted by the student ministers for the 1953 season. Rev. Ost left Yellowstone on June 16 for Glacier National Park. The student ministers will be John P. Crossley, who will be stationed at Mammoth and who will head up the program and Charles C. Talley who will be at Old Faithful. These two student ministers will be assisted by several others who will act as organists, choir leaders and study group leaders.

The planning and organizational procedures were completed for the religious services program in the park and a circular prepared and issued to all park personnel and information centers. In addition to this circular, religious services announcement posters were placed at all key points of visitation throughout the park.

The first of the summer Protestant services was held in the Yellowstone National Park Chapel on June 7. The Latter Day Saints services began June 14 and the Roman Catholic services began on June 21. The Park County Ministerial Association of Livingston, Montana, and the Cody Ministerial Association of Cody, Wyoming, are again conducting services in Yellowstone.

Interpretive Services. During the month the introductory signs and the trail labels were placed on the self-guiding nature trails at the Mammoth Clematis Gulch trail, the Norris Green Dragon Spring trail, the Old Faithful Gentian trail and the Tower Fall Lost Falls trail. These trails received extensive use by park visitors.

A large number of place names and informational signs were taken out into the park on June 1 and placed near the features they identified.

Chief Park Naturalist Condon talked to the Rotary Club in Livingston on Yellowstone Park wildlife on June 1. There were 30 persons present.

Arrangements have been made with the Yellowstone Park Company to conduct evening programs in the Old Faithful Lodge recreation hall and the Lake Lodge recreation hall. Mr. Huntley Child has been very cooperative on this program and has arranged to purchase

blinds for the windows so that the halls can be darkened early in the evening. Programs to date conducted at these points have proved to be very popular. It has been impossible to conduct illustrated talks in the Old Faithful recreation hall since the blinds have not arrived and the hall cannot be darkened. There still have been large crowds assembled to hear the talks given.

The barrier logs and the "Keep Off" signs in the vicinity of Old Faithful Geyser were moved out to the edge of the wooden walks with the result that the people are keeping back off the cones near Old Faithful and staying back near the walkways. This action on the part of the people is affording a great deal more protection to the sinter areas around Old Faithful geyser cone and it is thought will appreciably reduce the erosion which is taking place in this area.

During the month the duck board walks were completed in the geyser basins, with the bitumul walk over geyser hill being replaced by a wooden walk. At the key points where naturalists stop with their parties on guided trips the walk has been put in double so that crowds can be assembled in a large group without getting off the walks onto the formation. In addition, at these key points what are being called stopping stations have been installed. This consists of a short, narrow section of walk on which the naturalist can step out some distance from his party, address his remarks to them, return to the main walkway and still not get on the geyser formations at all, thus setting a good example with respect to staying on constructed walks.

Wooden duck walks were installed in the West Thumb area and there is a pronounced need for signs to be placed in these thermal areas, especially along the walks, warning people to stay on the constructed walks and to be cautious and careful in these thermal areas.

As part of the interpretive program three motion picture projectors have been assigned to the field stations - one for use at Old Faithful and West Thumb, one at the Lake, Fishing Bridge and Canyon areas and one for the Mammoth and Tower Fall areas. In addition to these projectors three 50-minute 16mm motion pictures in color have been assigned for use at these areas. These movies are entitled "Geyserland" which is a general trip around the park, "The Mud Pots, Geysers and Hot Pools of Mysterious Yellowstone" which is a movie portraying the hydrothermal phenomena and other water resources and "Wild Animal Heaven" which deals solely with the large mammals. The plan for the use of these motion pictures is that the pictures will be shown three nights in the amphitheater at Old Faithful, three nights in the recreation hall and then transferred to Thumb for use during the next week, the same procedure being followed for the exchange of pictures and projection equipment between the other stations.

The full interpretive program as set up for the Naturalist Division activities for the 1953 season was underway at all stations by June 19.

Museum Activities and Exhibits. All wayside exhibits were in use during the month of June and the foyer of the Norris museum served as an unattended exhibit for the first 12 days of the month. The Mammoth, Old Faithful and Fishing Bridge museums were open all month. The Madison Museum opened on June 5 and the Norris Museum opened June 12. These museums proved to be very popular with park visitors and there was a constant stream of people flowing through them at all times. All of the museums are being kept open for longer hours this season than in other years.

Research and Observation. The Mammoth Hot Spring Terraces during the past winter had the spring vents on them shift about considerably. On the Main Terrace reference has been made to the shifting of the water flow to the back edge of the terrace and forming a large pool. During the past month the Blue Spring has virtually dried up completely with a pronounced increase in the flow from the small Canary Spring at the extreme back edge of the Main Terrace. This water flow is flooding an entirely new area and building up travertine at a rapid rate. The Highland Terrace during April developed a flow of water in an area which has been dormant for an estimated 150-200 years. The flow of water at this point has increased progressively until during June there was a large volume of water cascading from the Highland Terrace area. Since the increase in flow at this point the springs on Angel Terrace have completely dried up indicating that there is probably some connection between the water supply feeding the present Highland Terrace area and the water supply which formerly fed Angel.

In the geyser basins the Giant, the Grand and the Beehive have continued to erupt with considerable regularity. The Daisy Geyser, which has been in a semi-dormant state for more than a year, has been erupting with some degree of regularity. In the Lower Geyser Basin the Morning Geyser, Fountain Geyser and Clepsydra have continued their active phase.

During the month trumpeter swan were observed on the Beach Spring lagoon with two cygnets, a pair nested on the small lake near Madison Junction and have five cygnets, a pair nested on the Lake behind Bunsen Peak but were unsuccessful in incubating a brood, two pair have been seen on the Yellowstone River in the vicinity of Alum Creek regularly, one pair has been frequenting the Trumpeter Lake area in the Lamar Valley. Sandhill crane have successfully incubated young at the Nymph Lake area, near the pocket in the Lower Geyser Basin area and in the large swamp just north of the Mud Volcano.

On the night of June 12 a car hit a beaver near the lower Gardner River bridge and the animal was brought to the headquarters

museum on the morning of the 13th. It was still alive and apparently suffering from a broken back. On advice from doctors that the animal might recover it was kept behind the museum, fed and watered, and after six days died. The specimen was given to the Idaho State College for their mammal collection.

Park Naturalist Wayne Replogle's work on the Bannock trail was reviewed with him on the 29th and he now has a manuscript ready for final checking preparatory to publishing it as a pamphlet of the Yellowstone Library and Museum Association interpretive series. Park Ranger Naturalist Fred Turner has a manuscript and illustrations about ready for publication on the reptiles and amphibians of Yellowstone.

Natural History Association. The book sales stocks were taken to Old Faithful, Fishing Bridge, and Madison Junction during the month. The HAYNES GUIDE BOOK and the STORY OF OLD FAITHFUL GEYSER were added to the sales stock list which is offered to the people at Madison Junction. The Association has stepped up the sales pressure on the publication entitled OUR NATIONAL PARKS, WHAT THEY MEAN TO YOU AND ME by Freeman Tilden.

The new pamphlet entitled THE STORY OF OLD FAITHFUL GEYSER by George Marler has been selling especially well in the Old Faithful area and it appears as though a reprinting will be in order before the end of July. Five thousand copies of this publication were obtained in the first printing.

Mrs. Lucile Wagner entered on duty as librarian employed by the Association on June 12 and Mrs. Alice Quist served as the Association clerk throughout the month.

A pronounced contribution to the interpretive program which has been made by the Association has been the payment for the duplicates of colored motion picture film and the placement on this film of a magnetic sound strip. All told the Association has financed the duplication of twelve copies of these movies.

Increase or Decrease in Travel. A total of 242,336 persons entered the park during the month of June. This is an increase of 2.3% over the June entrance figures for last year.

A total of 297,498 persons have entered the park this season, as of June 30, which is a decrease of 2.2% over last year's figures. This decrease is probably attributed to the abnormally poor weather conditions during May and the opening of roads at slightly later dates.

Special Visitors. Howard Sharp, Secretary-Manager, Wyoming Commerce and Industry Commission, Cheyenne, in June 4. John Craighead, In Charge, Wildlife Research Unit at Montana State University,

Missoula, in June 3. Felix M. Wormser, Assistant Secretary of Interior, and Mrs. Wormser in June 7. Dr. Otto Kraus, Professor of University of Munich, Germany, arrived June 8 for several days getting acquainted with park's operations, features and protection, departing 15th. Rufus W. Putnam, Executive Officer, State Lands Division, Los Angeles, California, in June 17 following attendance at Western Land Commissioners Conference at Jackson, out 18. H. Byron Mock, Regional Administrator, Bureau of Land Management, Salt Lake City, Utah, and Luther T. Hoffman, Regional Administrator, Bureau of Land Management, San Francisco, California, in and out June 17. Bayard F. Pope, Marine Midland Trust Company, New York, and Director, Remington-Rand Co., in June 18, out 19. William A. Coons, Chief Photographer, Union Pacific Railroad Company, Omaha, in June 15 getting some new pictures of park for Union Pacific. Henry H. Bruhn, Resident Manager, U. S. Potash Company, Carlsbad, New Mexico, in June 21. Charles J. Correll, "Andy" of "Amos and Andy", and family in June 23 for three days. Bernhard Ohse, Berlin, Steglitz, Germany, in June 24 for couple days to get information in connection with stories he is writing for German newspapers. Henry and Vera Bradshaw of Des Moines, Iowa, writers for Country Gentlemen and Better Homes and Gardens, who have story in current issue of Better Homes and Gardens including material obtained here last year, in June 23 for three days with Albert T. Rierson family of Ruthven, Iowa, who were winners of vacation contest sponsored by Country Gentlemen. The Bradshaws took pictures of that family and will write a story to appear in the Country Gentlemen. J. Bracken Lee, Governor of Utah, Salt Lake City, in and out West June 27.

Four conventions were held in the park during the month, as follows: Montana Bankers Association at Canyon Hotel June 18, 19 and 20, National Association of Tax Administrators at Old Faithful Inn June 18, 19 and 20, Pioneer Mutual Life Insurance at Mammoth Hotel, June 18, 19 and 20, and Mountain Pacific States Conference of Public Utilities Commissioners at Lake Hotel June 22-25, inclusive.

The Montana Conservation Council Caravan in June 25 and traveled across the northern side of Yellowstone studying the conservation problems of the park and discussing game-range conditions and recreational use. The group consisted of outstanding conservationists of the State of Montana and educators, with Jack, Curtis, Supervisor of Custer National Forest, and Joe M. Halterman, Fish and Wildlife Service, Billings, as day leaders, and was accompanied by Assistant Superintendent Hamilton and Park Naturalist Condon.

Ranger Service. Much time was spent in placing seasonal employees on duty, assigning them their stations and familiarizing them with their duties. Entrance station hours were 7 a.m. to 6 p.m. until June 21 and on that date a full complement of personnel became

available and the entrance stations were manned from 6 a.m. to 10 p.m. Other Protection Division activities included investigation and control of several small fires, enforcement of park rules and regulations, accident investigations, preparation of routine correspondence and reports, and presentation of cases before the U. S. Commissioner. The changes in fishing regulations this year with different opening dates for various waters required special time and effort to control. The gate pass and fee collection forms were revised in order to simplify entrance station operation. Messrs. Hamilton, Brown, Garry, McComas and Reynolds met with Yellowstone Park Company officials on the 24th regarding special Boy Scout tours which are coming into the park next month. This was followed by a field trip on the 26th to locate on the spot lunch stops, and to set schedules for these tours.

Wildlife and Fish Cultural Activities. BEARS. Three grizzly cubs were trapped at the Fishing Bridge campground. Two of these animals were sent to the Omaha Zoo, the third was hauled to an isolated section on the Gardner River and released. Eight reports of Bear Injuries were received during June. Six reports of Bear Damages were received and six reports of Dead Bears, as follows: 1 shot by unknown person, 2 hit by cars and 3 killed for control purposes to prevent serious accidents. One Bear Incident report in which a grizzly bear attempted to attack a fisherman was received. The fisherman escaped before he was injured.

The legs, skin and head of an elk calf, left by a bear, were found in a grove of Douglas fir above the Crystal Creek elk trap on June 4. In the same general area a leg of another calf was found. Later that day a band of elk was flushed near the Insect Infestation area while a search was being made for calves. As the elk ran off with calves squealing, two large grizzlies approached at a fast lope. Finally the bears stopped and grazed; they then proceeded in the direction of the elk, apparently watching for calves enroute.

ANTELOPE. Arrangements have been made for game departments of North Dakota and Nevada to remove all surplus antelope next winter.

BISON. An estimated 50 to 75 bison were along the Firehole River at the mouth of Sentinel Creek on June 9.

ELK. Elk have generally moved to summer range after calves became large enough to travel. By June 5 nearly all elk had left Lamar Horseshoe. As late as June 16 it was estimated at least 100 elk were still frequenting the flats by lower Stevens Creek. Twenty-seven calves were tagged this spring in the Yellowstone drainage, mostly above Tower Junction. District Ranger Joe Way tagged almost half of these incidental to other work.

FISH. Fish plants were made during June in Goose Lake, Feather Lake, Obsidian Creek, Blacktail Creek and Hoodoo Lake.

RANGE. Low temperatures generally retarded forage growth in early June. Warm weather since then has hastened growth. Early grasses are rapidly maturing on the lower range as the extended warm, dry period continues. Probably forage plants at high elevation are making rapid growth with warm weather after the cold spring.

Forest Fire Protection. During the month the Fire Cache Supervisor did maintenance work on the fire trucks, installing hangers for ladders, brackets for fire extinguishers, repacking pumps, testing hose and repainting all or portions of the six trucks which are out in the park for forest and building protection use this season. In addition to this work new outfits were made up for all fire caches. Fire pumps were tested and checked.

Nineteen fire control aids were on duty by the close of the month. A training school was held for these men during the week of June 15-19.

One reportable fire occurred June 11 near the Boiling River between Mammoth and Gardiner. This was Class B, covered three-fourths of an acre and was apparently caused by a fisherman.

Building Fire Protection. Following receipt of funds from the Region Two Office, four dozen 1½-quart hand extinguishers were ordered.

Extinguishers and ladders were placed on the fire trucks before they were taken to the stations for the summer.

Trails. A total of twelve trail maintenance men were employed by the end of June. Preliminary clearing and routine maintenance has progressed at a satisfactory rate in the Mammoth, Tower Fall, Old Faithful and West Yellowstone districts. Preparations are being made by the trail foreman to set up a camp in the Wapiti Lake area where the largest special project is scheduled for this season. It is anticipated that maintenance work will be completed in the Tower Fall and Old Faithful districts within the first week or ten days of July.

Blister Rust Control. The summer work on Blister Rust Control started on June 2, when a crew of four men started getting the equipment assembled and in operating condition. Actual work started on June 8 with a 27-man crew, stationed at Mammoth, doing ribes eradication work in the Mammoth control area. The crew moved to Canyon on June 13, and started work in the Carnelian Creek area. Due to heavy snow in the Carnelian Creek area, the crew was unable to move into the pack camp at that time. The packing of equipment to this camp started on June 30. Personnel at the end of the month consisted of two camp superintendents, four laborer leadmen and thirty-four laborers. Area Leaders John C. Gynn and C. M. Chapman from the Spokane Office of the Bureau of Entomology and Plant

Quarantine were in the park June 2-12 helping park personnel with the Blister Rust Control Program.

Forest Insects. Spruce Budworm development has been under observation throughout the month. Entomologist Robert Denton from the Coeur d'Alene, Idaho, office of the Bureau of Entomology and Plant Quarantine was in the park on June 3 and 26 assisting park personnel in making these observations.

An aerial spraying contract has been awarded to Johnson Flying Service, Missoula, Montana, for the spraying of the infestation in the Undine Falls area. The tentative date for spraying has been set for the week of July 13.

Campground Clearing and Woodcutting. On June 9, Oscar Roseborough, firewood contractor for the Yellowstone Park Company, resumed cutting operations for the enlargement of the Fishing Bridge Campground.

Accidents and Public Safety. Miss Elizabeth Korn of Gardiner suffered minor cuts and bruises when she fell asleep while driving her car about three miles south of Norris Junction and the car left the road and turned on its side on June 3.

Mr. Jack Van Ryder, in avoiding collision with a tourist, turned over his truck with high-test gasoline between Mammoth and Gardiner on the North Entrance road. Fortunately there was no fire and he received only minor cuts and bruises including a cut on his ear.

On June 18, Thomas Harper, age 12, fell while photographing Undine Falls. Although he fell 60 feet, it was found that only minor injuries resulted. Messrs. McComas and Gruener conducted rescue operations.

Mr. George Gore was involved in an accident on the Red Lodge road outside the park and was brought to the hospital at Mammoth for treatment on June 18 by Supervisory Park Ranger Reynolds.

On June 19, Mrs. Iva Smith broke her wrist in a fall in front of the museum at Old Faithful. She was given first-aid and brought to the hospital at Mammoth for treatment.

Mr. Alex McKenzie, R.F.D. Cody, Wyoming, was lost from his fishing party on DeLacy Creek on June 22. After an all-night search by rangers and others, he showed up at Lewis Lake campground.

A truck upset accident early on the morning of the 27th a mile north of Pebble Creek bridge on the Northeast Entrance Road resulted in the death of Mr. Ernest L. Meador, driver for the Fleming Wholesale Company of Livingston, Montana.

Law Enforcement. There were seventeen flagrant violations of Park Service rules and regulations necessitating hearings before the U. S. Commissioner, as follows: Speeding, seven; Fishing violations, six; Theft, one; Reckless Driving, one; and Miscellaneous, two.

A grand theft case involved Ralph Rosenberg of Los Angeles and William A. Haney of Deaver, Wyoming, who took a firearm from Mr. LaBlanc, while impersonating park officers on the 21st. F.B.I. Agent Burleigh Allen questioned these men regarding a possible tie-in with other thefts in the park. The U. S. Commissioner bound the men over to the Federal Court in Cheyenne and the U. S. Marshal Noah W. Riley picked them up on the 27th.

Investigation is still in process regarding the theft of personal effects of Richard Karlson, an employee of Hamilton's General Store at Mammoth. Two young men gave him a ride to Mammoth on June 28 and were thought to have picked up his suitcase and other property and disappeared with it. The less valuable part of the property was discovered later near Undine Falls.

Deaths. Peter Rorwick, who retired September 30, 1952, as Mixed Gang Foreman at the age of 70, passed away June 5 at Missoula, Montana, as the result of a stroke. Several park employees attended the funeral services which were held at Missoula June 8.

Patrick Tocher, 63, who had been employed for many years as a seasonal plumber with the National Park Service in Yellowstone, passed away June 7 at the Park Hospital in Livingston following a short illness. Funeral services were held at Livingston June 9.

Jonah Nelson Kelley, 61, of Keyser, West Virginia, died at Old Faithful June 19 of a heart attack.

Mrs. May Lyon, 69, Perry, Iowa, died at the Mammoth Hospital June 22 following a heart attack at Old Faithful a few hours earlier.

Ernest Lloyd Meador, 36, Livingston, driver for Fleming Wholesale Company, was killed in an accident June 27 on the northeast entrance road near Pebble Creek bridge when his truck overturned and burned.

Marriages. James W. Mardis of Yellowstone Park, Wyoming, and Mary Deeter of Death Valley, California, were married June 11 at Napa, California. Her father is a road foreman at Death Valley and he is the son of William Mardis, carpenter at Yellowstone, and is employed here as seasonal truck driver.

Margaret Reed, daughter of Powerhouse Operator and Mrs. Ralph Reed of Yellowstone, and Jack Sharkey of Portland, Oregon, were married June 29 at Portland, where they will make their home.

Births. A daughter, Kathy Jo, was born to Mr. and Mrs. Leonard M. Lampi of Negaunee, Michigan, at the Mammoth Hospital June 20 and was the first child to be born in the park this summer. Mr. Lampi is employed by the National Park Service here as a timber framer.

Personnel. C. Gordon Cummings arrived June 19 and entered on duty June 21 as Engineer (Civil), GS-9 from a similar position, Denver Office, Region Two.

The following seasonal personnel were entered on duty during the month: Kathryn Schuch, Clerk-Typist, GS-3, Barbara E. Stark, Clerk-Stenographer, GS-3, and Thomas D. Ellis, Storekeeper (General), GS-3, June 1; Jean B. Rapp, Clerk Stenographer, GS-3, William W. Waterous and Robert P. Guilford, Storekeepers (General), GS-3, David A. Kane, Student Assistant Engineer, IGS-4, and Alma G. Hood and Honora J. Anderson, Telephone Operators, GS-2, June 8; Helen J. Dallin, Telephone Operator, GS-2, June 10; Elmer F. Armstrong, Jr., Project Clerk, GS-4, June 11; Benjamin D. Hall and Charles Y. Hoyt, Camp Superintendents, GS-6, Blister Rust Control, June 2 and 8, respectively; Charles D. Rice and Donald F. Thiel, Student Assistant Landscape Architects, IGS-4, June 15 and 18, respectively; Herbert T. Lystrup, George D. Marler and Lowell G. Biddulph, Park Naturalists, GS-5, June 1, and Clarence C. Alleman and Wayne F. Replogle, Park Naturalists, GS-5, June 15. Also, twenty-seven additional Park Ranger-Naturalists, forty additional Park Rangers and eighteen Fire Control Aids were appointed during June.

Edmund B. Rogers
Superintendent

In duplicate

cc Region Two, in quintuple

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